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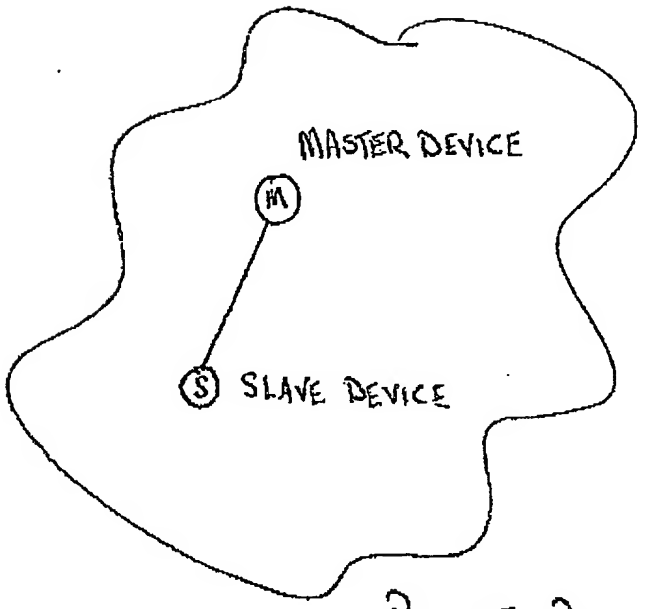
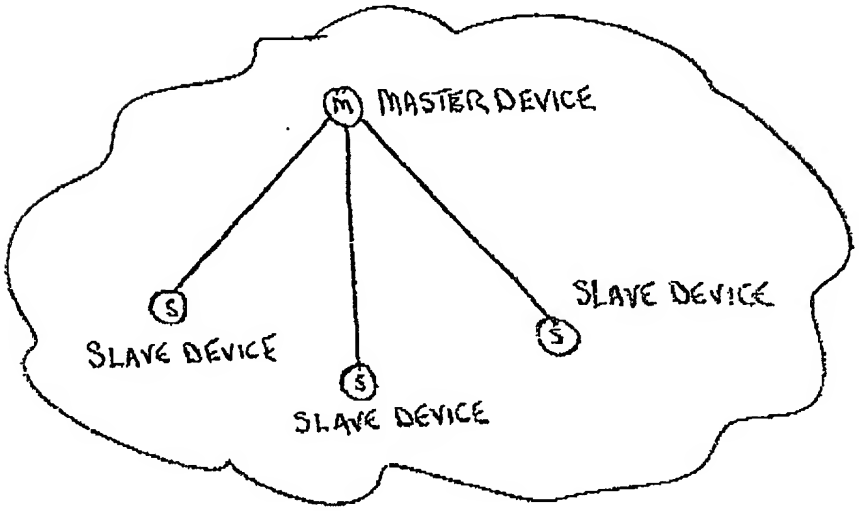


POINT-TO-POINT PICONET



POINT-TO-MULTIPOINT PICONET

Fig. 1 (prior art)

20050204.4742.007

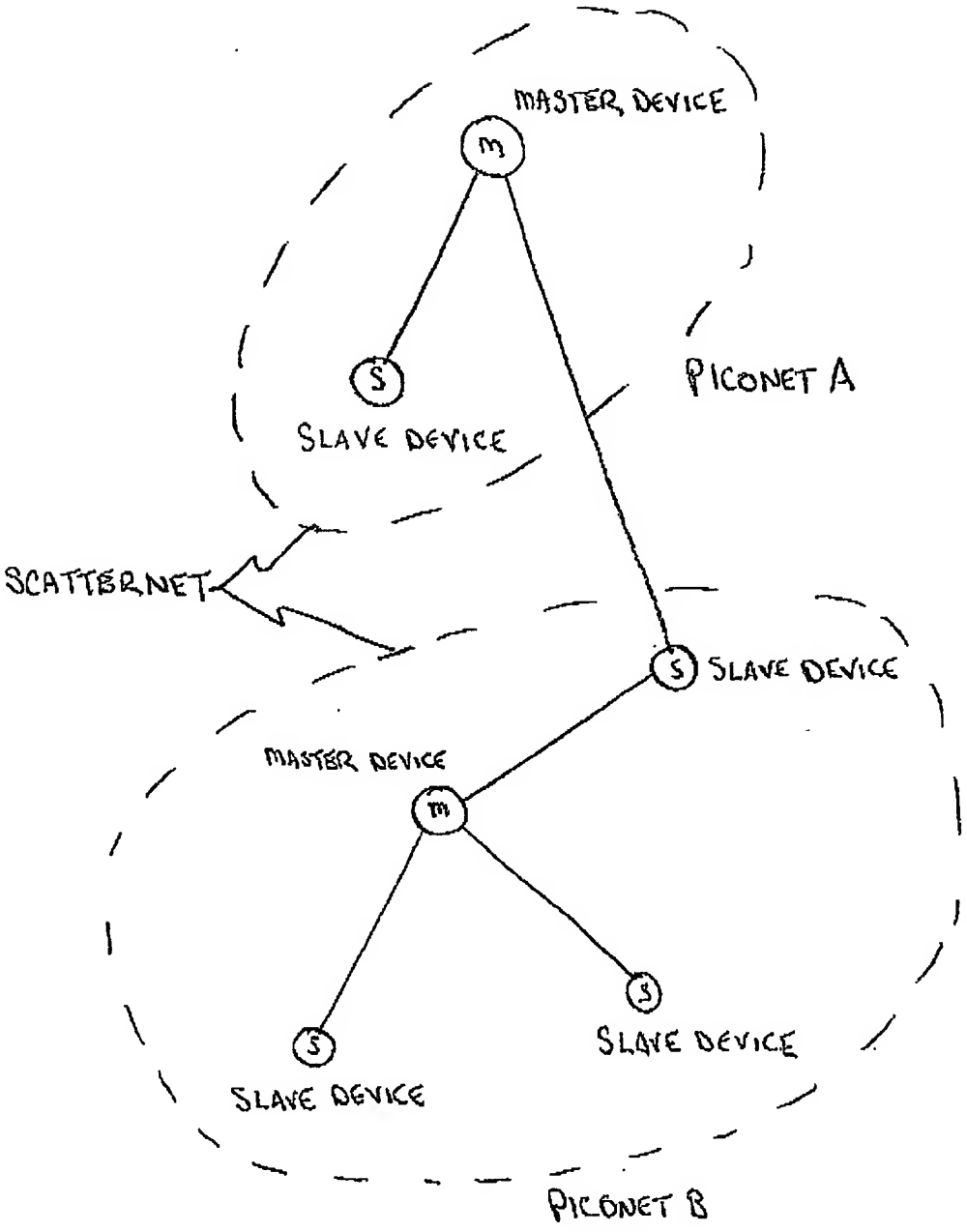


Fig. 2 (prior art)

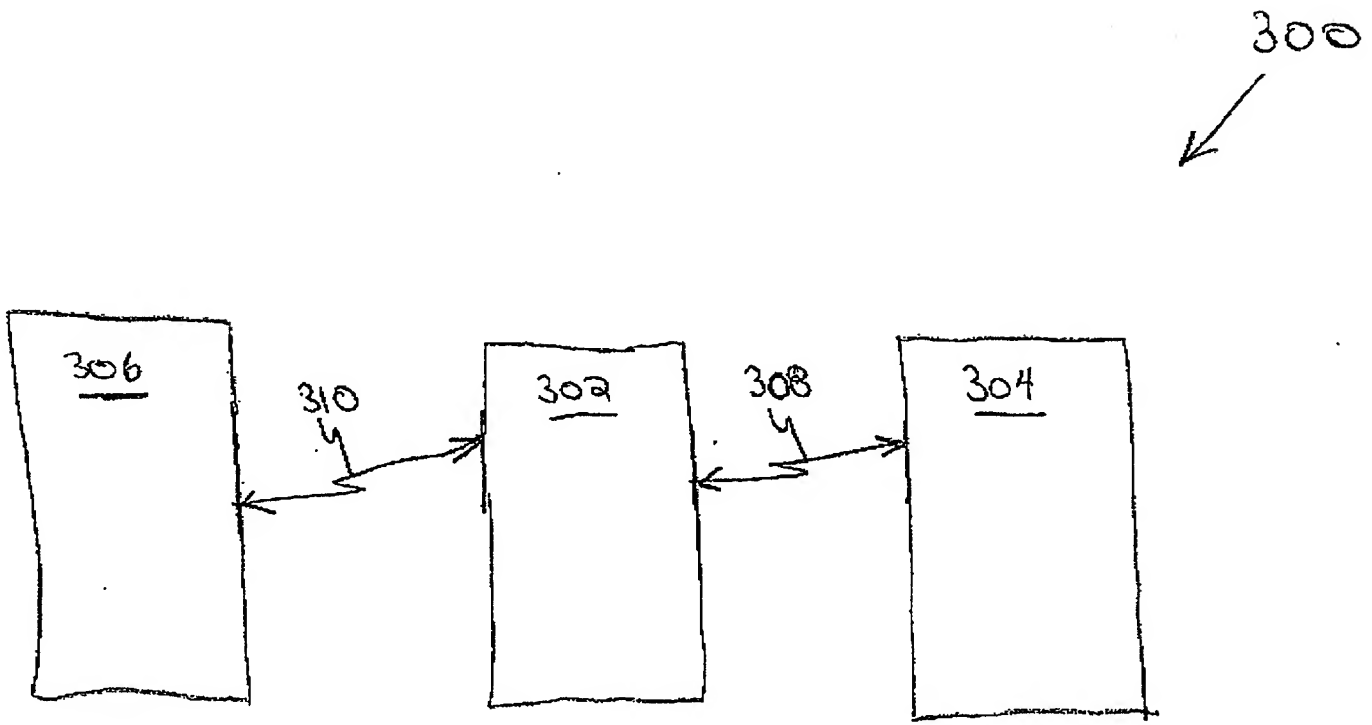


Fig. 3

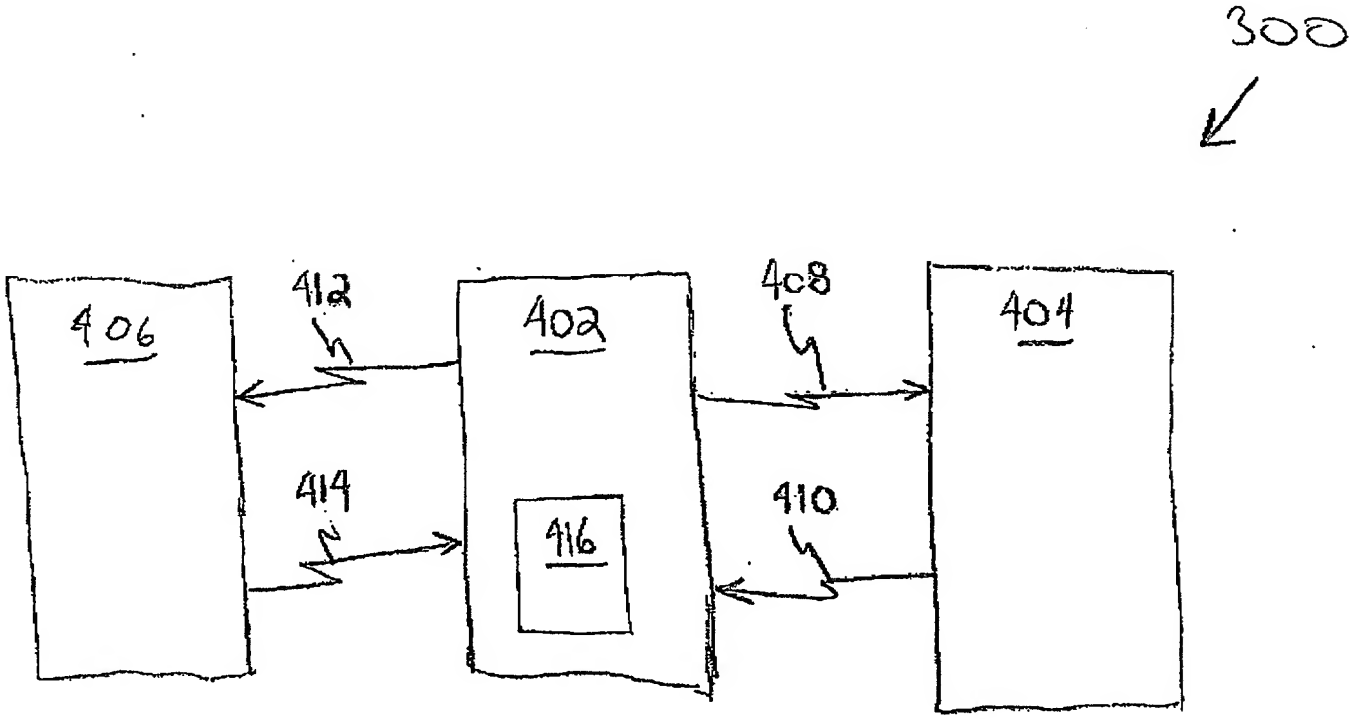


Fig. 4

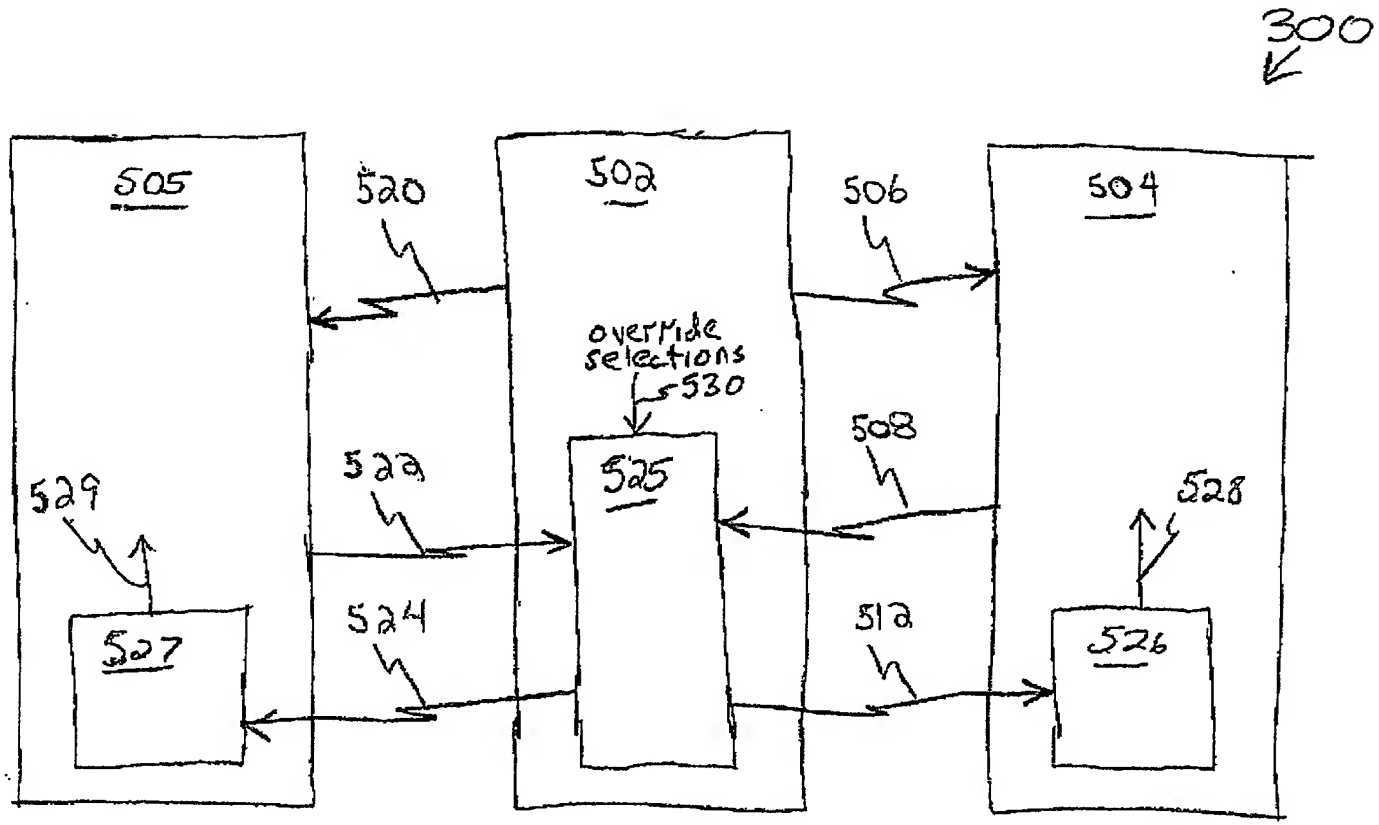

300
505
520
502
506
504
override selections
530
508
529
522
525
528
527
524
512
526

Fig. 5

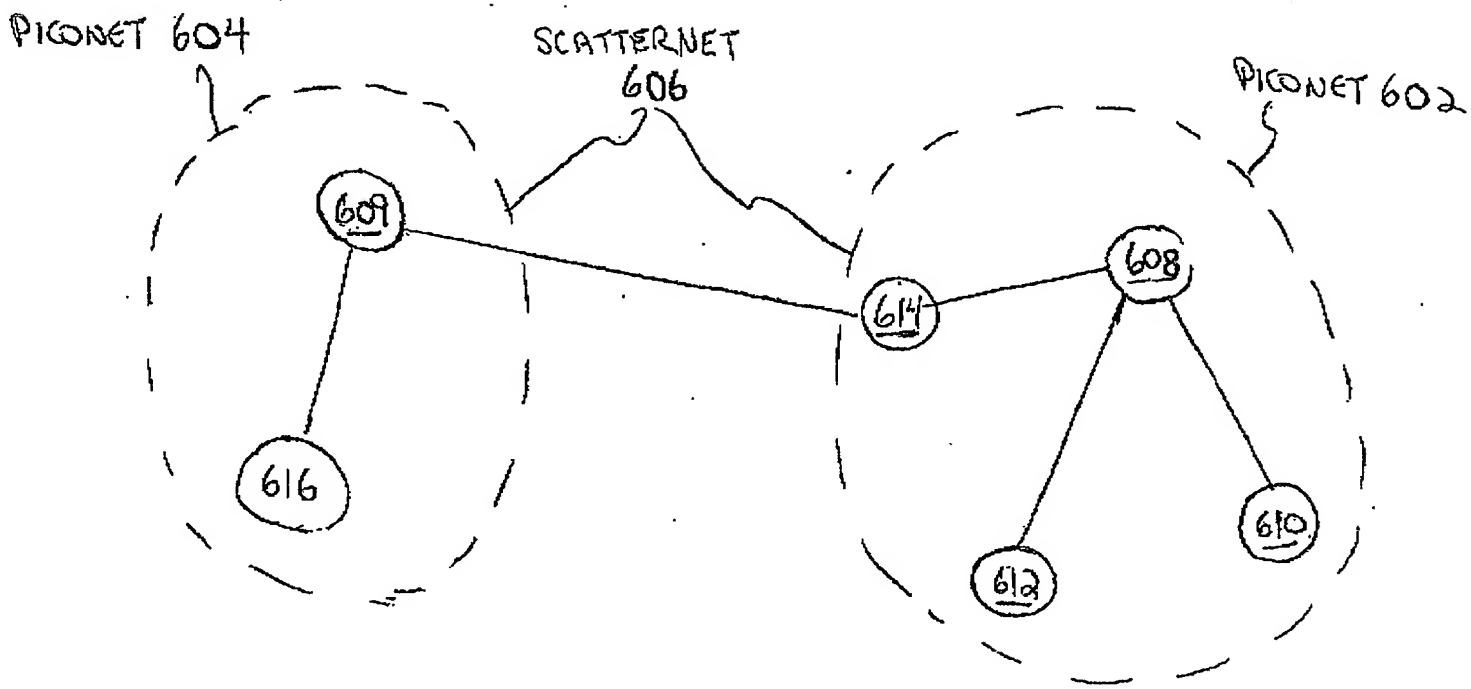

PICONET 604
SCATTERNET
606
PICONET 602
609
614
608
616
610
612

Fig. 6

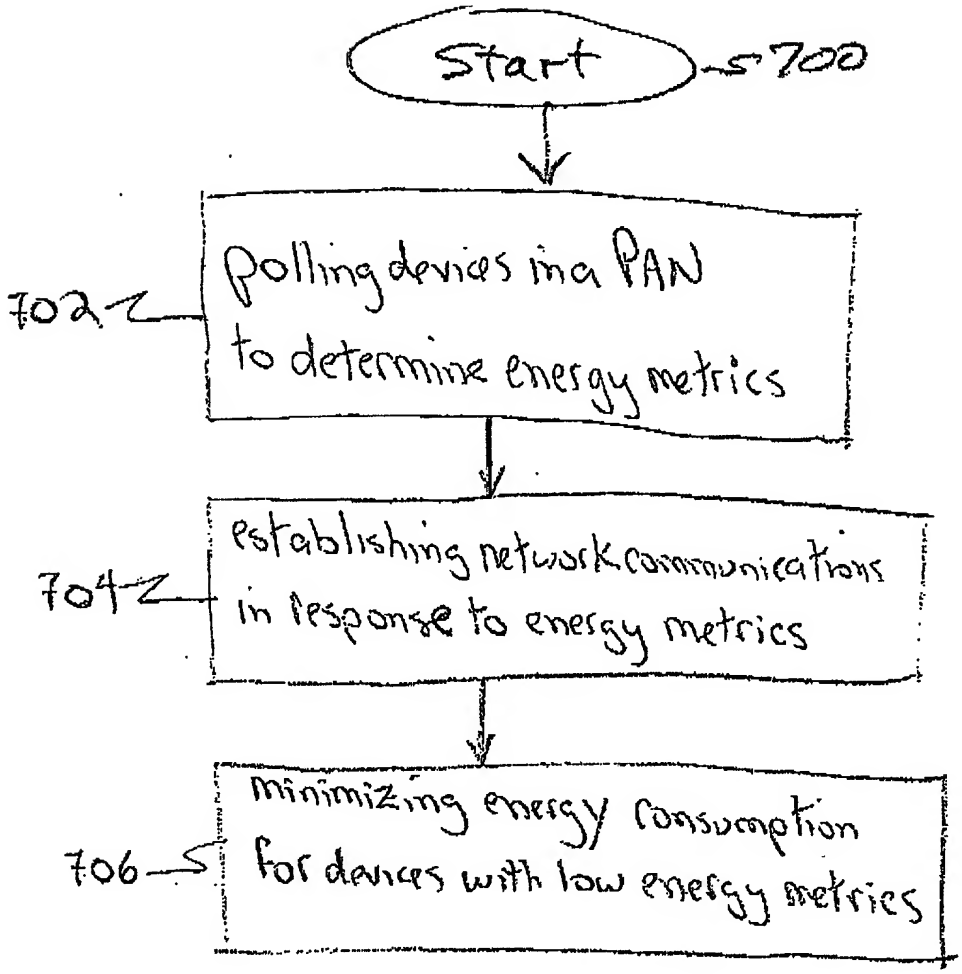

Start
700
Polling devices in a PAN to determine energy metrics
702
establishing network communications in response to energy metrics
704
minimizing energy consumption for devices with low energy metrics
706

Fig. 7

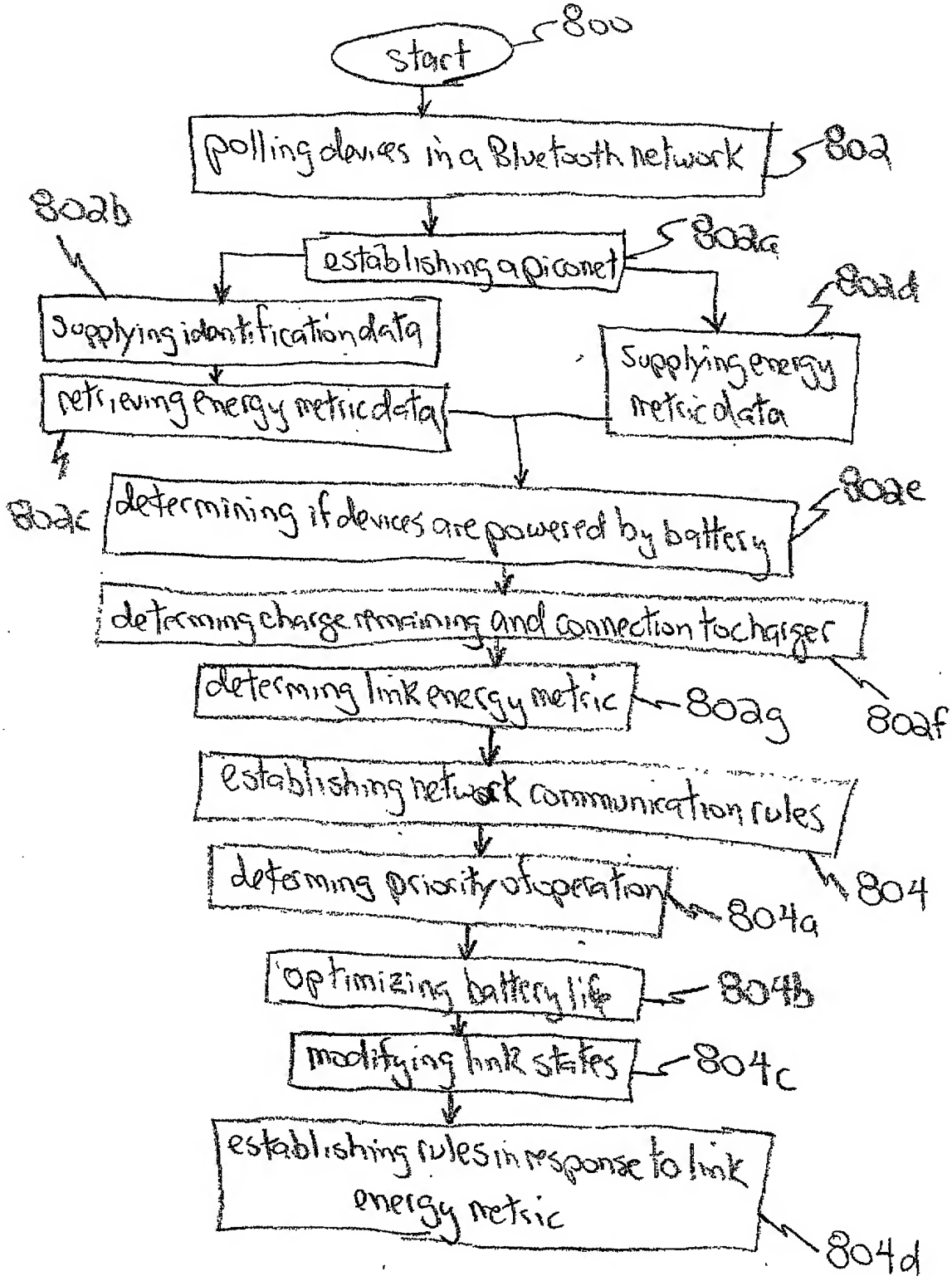

800
Start
polling devices in a Bluetooth network
802
802a
establishing a piconet
802b
Supplying identification data
802d
Supplying energy metric data
retrieving energy metric data
802c
determining if devices are powered by battery
802e
determing charge remaining and connection to charger
802f
determing link energy metric
802g
establishing network communication rules
804
determing priority of operation
804a
optimizing battery life
804b
modifying link states
804c
establishing rules in response to link energy metric
804d

Fig. 8